



Figure 1: Pinout diagrams for the male ELCO connector (left) and the male 8-pin miniature CPC connector (right). The CPC connector is only for motors up to 1.0 Amps.

Table 1: MHATT-CAT configuration of motors

Connector		Signal (phase)	SLO-SYN	SLO-SYN	SLO-SYN 8-wire	Vexta motor
ELCO	CPC		4-wire motor	6-wire motor	motor (serial mode)	
A	1	1 out	red	red	red	black
B	3	1 return	red/white	red/white	red/white	green
C	2	2 out	white/black	green	green	red
D	5	2 return	black	green/white	green/white	blue
E *				black	black <i>and</i> white [†]	yellow
J *				white	orange <i>and</i> white/black [†]	white

* not required for MHATT-CAT, but suggested; alternatively, isolate these leads

[†] **must** connect these wires together

Table 2: MHATT-CAT configuration for limit switches

Connector		Limit switch connection
ELCO	CPC	
W	6	High limit
T	4	*High limit return
X	8	Low limit
U	7	*Low limit return

* both limit returns are connected